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Applicant : Vincent P. Stanton, Jr.                      Art Unit : 1655  
Serial No. : 09/638,267                                      Examiner : A. Chakrabarti  
Filed : August 14, 2000  
Title : GENE SEQUENCE VARIANCES IN GENES RELATED TO FOLATE  
METABOLISM HAVING UTILITY IN DETERMINING THE TREATMENT OF  
DISEASE

Commissioner for Patents  
Washington, D.C. 20231

AMENDMENT

Please amend the application as follows:

In the specification:

Insert the enclosed Sequence Listing into the specification after the Oath and Declaration.

In the claims:

Cancel claims 4 and 5 (renumbered by the Examiner as 120 and 121).

Add new claims 122 and 123 as follows.

122. A method for selecting a treatment for a patient suffering from a condition or disease, comprising:

determining whether cells of the patient contain at least one variance in the methylenetetrahydrofolate reductase gene, wherein the presence or the absence of the variance in the gene is indicative of the effectiveness of said treatment for the condition or disease,

wherein the variance is selected from the group consisting of:

CERTIFICATE OF MAILING BY FEDERAL EXPRESS MAIL

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